

## Table 8.1 - Electricity Sales

(Billion Kilowatthours)

	<u>1980</u>	<u>1990</u>	<u>2000</u>	<u>2001</u>	<u>2010</u>	<u>2020</u>	<u>2025</u>
Price by End-Use Sector <sup>1</sup>							
Residential	717	924	1,192	1,201	1,445	1,640	1,742
Commercial	488	751	1,055	1,085	1,471	1,816	2,003
Industrial	815	946	1,064	994	1,157	1,358	1,466
Transportation/Other <sup>2</sup>	74	92	109	117	27	36	42
Total Sales	2,094	2,713	3,421	3,397	4,101	4,850	5,252
Direct Use <sup>3</sup>	NA	115	183	205	202	230	254

**Sources:** EIA, *Annual Energy Outlook 2003*, DOE/EIA-0383 (2003), (Washington, D.C., January 2003), Table A8; EIA, *Annual Energy Review 2001*, DOE/EIA-0384(2001) (Washington, D.C., November 2002), Table 8.5.

### Notes:

<sup>1</sup> Electricity retail sales to ultimate customers reported by electric utilities and other energy service providers.

<sup>2</sup> Other includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales through 2001. Transportation sector sales reported starting in 2010.

<sup>3</sup> Commercial and industrial facility use of onsite net electricity generation; and electricity sales among adjacent or co-located facilities for which revenue information is not available.

**Table 8.2 - Demand-Side Management**

	<u>1980</u>	<u>1990</u>	<u>2000</u>	<u>2001</u>
Load Management Peak Load Reductions (MW) <sup>1</sup>	NA	7,911	10,027	11,928
Energy Efficiency Peak Load Reductions (MW) <sup>2</sup>	NA	5,793	12,873	13,027
Total Peak Load Reductions (MW)	NA	13,704	22,901	24,955
Energy Savings (Million kWh)	NA	20,458	53,701	54,762
Costs (Million 2001 \$) <sup>3</sup>	NA	1,489	1,599	1,639

**Sources:** EIA, *Annual Energy Review 2001*, DOE/EIA-0384(2001) (Washington, D.C., November 2002), Table 8.9 (1990-2000), and EIA, Electric Utilities Database (Form EIA-861), 2001, <http://www.eia.doe.gov/cneaf/electricity/page/eia861.html> (fourth file in DBF for 2001).

**Notes:**

The actual reduction in peak load reflects the change in demand for electricity that results from a utility demand-side management program that is in effect at the time that the utility experiences its actual peak load as opposed to the potential installed peak load reduction capability. Differences between actual and potential peak reduction result from changes in weather, economic activity, and other variable conditions.

<sup>1</sup> Load Management includes programs such as Direct Load Control and Interruptible Load Control, and beginning in 1997, "other types" of demand-side management programs. "Other types" are programs that limit or shift peak loads from on-peak to off-peak time periods, such as space heating and water heating storage systems.

<sup>2</sup> Energy efficiency refers to programs that are aimed at reducing the energy used by specific end-use devices and systems, typically without affecting the services provided. From 1989 to 1996, Energy Efficiency includes "other types" of demand-side management programs. Beginning in 1997, these programs are included under Load Management.

<sup>3</sup> Cost data for 1990-2000 converted to 2001\$ using EIA AER 2001 Appendix E.

**Table 8.3 – Electric Utility Sales, Revenue, and Consumption by Census Division and State, 2001**

Census Division and State	Sales (million kWh)	Revenue (million \$)	Average Revenue (¢/kWh)	Electricity Consumption (kWh/person)	Census Division and State	Sales (million kWh)	Revenue (million \$)	Average Revenue (¢/kWh)	Electricity Consumption (kWh/person)
<b>New England</b>	<b>118,809</b>	<b>12,851</b>	<b>10.8</b>	<b>8,455</b>	<b>East South Central</b>	<b>298,816</b>	<b>15,972</b>	<b>5.3</b>	<b>17,427</b>
Connecticut	30,531	2,937	9.6	8,889	Alabama	79,234	4,444	5.6	17,730
Maine	11,836	1,270	10.7	9,214	Kentucky	79,975	3,393	4.2	19,656
Massachusetts	52,663	6,062	11.5	8,227	Mississippi	44,287	2,775	6.3	15,486
New Hampshire	10,316	1,129	10.9	8,192	Tennessee	95,320	5,360	5.6	16,579
Rhode Island	7,847	846.582	10.8	7,405	<b>West South Central</b>	<b>482,142</b>	<b>34,153</b>	<b>7.1</b>	<b>15,064</b>
Vermont	5,617	606.661	10.8	9,164	Arkansas	41,732	2,524	6.0	15,487
<b>Middle Atlantic</b>	<b>351,632</b>	<b>34,094</b>	<b>9.7</b>	<b>8,813</b>	Louisiana	74,681	5,200	7.0	16,706
New Jersey	72,340	6,813	9.4	8,499	Oklahoma	49,667	3,032	6.1	14,315
New York	141,399	16,449	11.6	7,409	Texas	316,062	23,396	7.4	14,789
Pennsylvania	137,894	10,832	7.9	11,208	<b>Mountain</b>	<b>221,840</b>	<b>14,297</b>	<b>6.4</b>	<b>11,885</b>
<b>East North Central</b>	<b>555,016</b>	<b>35,889</b>	<b>6.5</b>	<b>12,212</b>	Arizona	62,282	4,526	7.3	11,736
Illinois	135,685	9,361	6.9	10,837	Colorado	44,236	2,662	6.0	9,983
Indiana	97,734	5,177	5.3	15,952	Idaho	21,096	1,037	4.9	15,975
Michigan	101,955	7,115	7.0	10,189	Montana	11,165	730	6.5	12,332
Ohio	154,459	10,274	6.7	13,561	Nevada	28,167	2,213	7.9	13,428
Wisconsin	65,184	3,961	6.1	12,058	New Mexico	18,727	1,340	7.2	10,228
<b>West North Central</b>	<b>251,721</b>	<b>15,121</b>	<b>6.0</b>	<b>12,995</b>	Utah	23,217	1,211	5.2	10,189
Iowa	39,213	2,408	6.1	13,374	Wyoming	12,950	577	4.5	26,227
Kansas	35,847	2,236	6.2	13,266	<b>Pacific Contiguous</b>	<b>360,990</b>	<b>34,427</b>	<b>9.5</b>	<b>8,192</b>
Minnesota	60,288	3,643	6.0	12,095	California	235,439	27,740	11.8	6,804
Missouri	73,213	4,414	6.0	12,987	Oregon	45,885	2,494	5.4	13,210
Nebraska	24,723	1,333	5.4	14,373	Washington	79,666	4,193	5.3	13,292
North Dakota	9,810	537.896	5.5	15,411	<b>Pacific Noncontiguous</b>	<b>15,204</b>	<b>1,945</b>	<b>12.8</b>	<b>8,171</b>
South Dakota	8,627	547.997	6.4	11,376	Alaska	5,428	572	10.5	8,566
<b>South Atlantic</b>	<b>713,611</b>	<b>47,846</b>	<b>6.7</b>	<b>13,515</b>	Hawaii	9,776	1,374	14.1	7,968
Delaware	10,665	747.99	7.0	13,388	<b>U.S. Total</b>	<b>3,369,781</b>	<b>246,597</b>	<b>7.3</b>	<b>11,811</b>
District of Columbia	9,410	740.117	7.9	16,398					
Florida	199,698	15,376	7.7	12,197					
Georgia	117,790	7,524	6.4	14,013					

Maryland	59,800	3,983	6.7	11,103
North Carolina	117,623	7,804	6.6	14,334
South Carolina	74,832	4,317	5.8	18,422
Virginia	96,123	5,951	6.2	13,356
West Virginia	27,669	1,403	5.1	15,364

**Sources:** EIA, Electric Utilities Database (Form EIA-861), 2001 <http://www.eia.doe.gov/cneaf/electricity/page/eia861.html> and U.S. Census Bureau, Table ST-EST2002-01 - State Population Estimates: April 1, 2000 to July 1, 2002, <http://eire.census.gov/popest/data/states/tables/ST-EST2002-01.php>.

**Notes:**

Revenue in 2001 dollars.